

## NEW BEDFORD HARBOR, MASSACHUSETTS RMA-2V MODEL

The U.S. Army Engineer Waterways Experiment Station (WES) developed a two-dimensional numerical hydrodynamic and transport model for New Bedford Harbor during the Engineering Feasibility Study (EFS). The New England District will re-activate the model on a PC computer under the Surface Water Modeling System (SMS), and use it to make hydrodynamic predictions of currents near shoreline structures. NAE will then make further modifications to the model to evaluate various engineering plans and their impact on water levels, circulation patterns, and resulting currents within the harbor.